



PUBLIC NOTICE

File Number: NRS 14.318

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Cody Senn
Operations Manager
C & M Dredging
31653 Executive Blvd. #2
Leesburg, FL 34748
352-314-8900

LOCATION: Whitworth Subdivision. 318 Whitworth Way, Nashville, Davidson County, (Lat:36.125833/Lon: -86.820278)

PROJECT DESCRIPTION: The applicant proposes to dredge ~3,000 cubic yards of accumulated sediment in Richland Lake.

IMPACTS:

Impact 1: Latitude: 36.125833 Longitude: -86.820278
Bosley Springs Branch (TN05130202314_0300)

Proposed maintenance dredge of ~3,000 cubic yards of accumulated sediment in Richland Lake. The Dredge would be accomplished via compact suction dredge with a horizontal auger. Spoils and water would be pumped into a woven geotextile tube for dewatering. Water would be directed back into a mixing zone within the lake within a type II floating turbidity barrier. Daily turbidity reading would be taken by digital NTU to ensure clarity.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: Bosley Springs Branch (TN05130202314_0300) flows into the Richland Lake which is a tributary to Richland Creek in the Cheatham Lake (Cumberland River) Watershed. The Cheatham Lake Watershed is located in Middle Tennessee and includes parts of Cheatham, Davidson, Robertson, Rutherford, Sumner

and Williamson counties. It is approximately 647 square miles and drains to the Cumberland River.

For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

Bosley Springs Branch (TN05130202314_0300) is in the Outer Nashville Basin (71h) ecosystem. The channel dimensions are as follows: channel bottom width >100', channel top width >100', water depth >3' variable and bank height 4-10'. Typical substrate in this section is comprised of accumulated silt and organic matter.

Bosley Springs Branch (TN05130202314_0300) was assessed in 2012. It is not supporting its designated uses. The specific uses that are not meeting use support and the causes are as follows: fish and aquatic life due to Nitrate, Phosphorous and other anthropogenic alterations. Therefore the stream is available for the proposed impacts to habitat.

Stream Name / ID #: Bosley Springs Branch (TN05130202314_0300)

Ecoregion: Outer Nashville Basin (71h)

Stream Dimension: Channel bottom width >100'
Chanel top width >100'
Water depth >3' variable
Bank height 4-10'

Substrate: silt/organic matter

Designated Use	Use Support	Causes
Fish and aquatic life	not supporting	Nitrate, Phosphorous and other anthropogenic alterations
Recreation	fully supporting	
Industrial water supply	fully supporting	
Irrigation	fully supporting	
Livestock watering & wildlife	fully supporting	

Assessment Date: 2012

PERMIT COORDINATOR: Brian Canada

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all

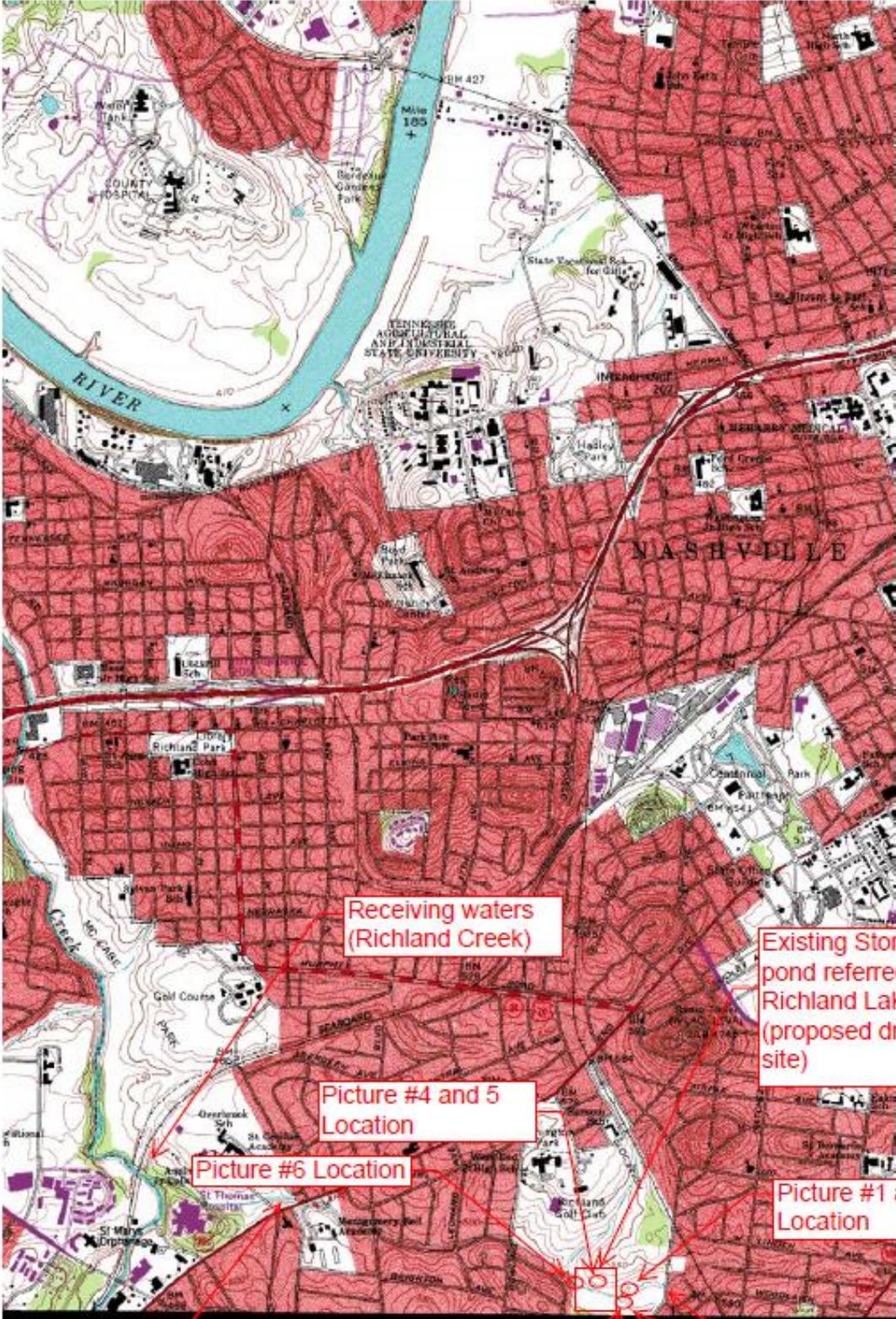
written comments to the department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243



Receiving waters (Richland Creek)

Existing Stormwater pond referred to as Richland Lake (proposed dredging site)

Picture #4 and 5 Location

Picture #6 Location

Picture #1 and 3 Location

Receiving waters (unnamed tributary)

Picture #2 Location

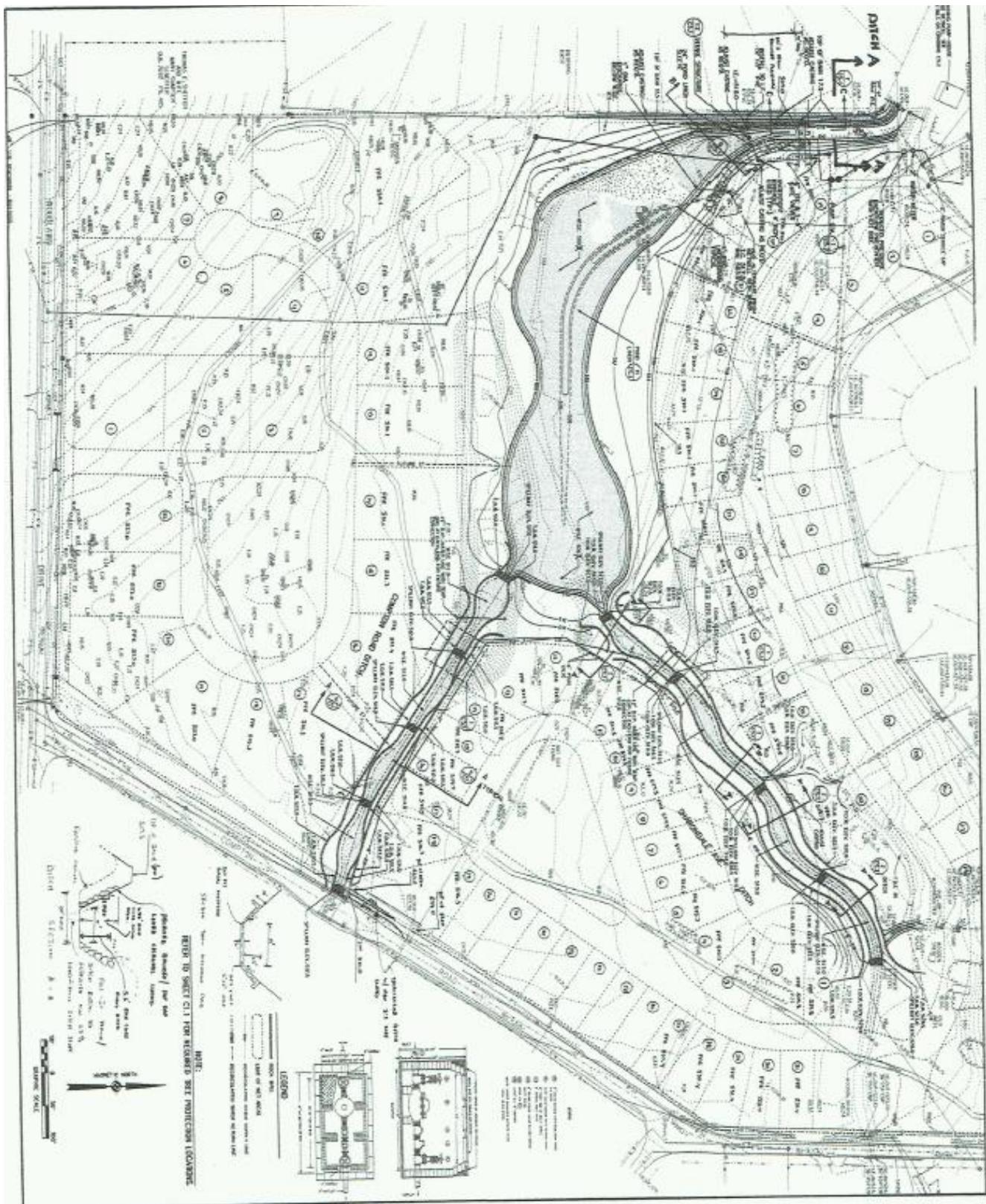
2 unnamed tributaries feed into stormwater pond



Picture #5 – Richland Lake (taken from proposed Dewatering Area #2)



Picture #6 – Outfall of Richland Lake (looking downstream)



NOTE:
 REFER TO SHEET C1 FOR RESIDENTIAL SITE PROVISION LOCATIONS.

LEGEND:

- Proposed Building Footprint
- Proposed Driveway
- Proposed Walkway
- Proposed Utility Lines
- Proposed Fencing
- Proposed Landscaping
- Proposed Paving
- Proposed Retaining Wall
- Proposed Storm Drainage
- Proposed Erosion Control
- Proposed Tree Planting
- Proposed Signage
- Proposed Security Features
- Proposed Amenities
- Proposed Parking
- Proposed Storage
- Proposed Maintenance
- Proposed Security
- Proposed Safety
- Proposed Health
- Proposed Education
- Proposed Recreation
- Proposed Transportation
- Proposed Communication
- Proposed Energy
- Proposed Water
- Proposed Sewer
- Proposed Gas
- Proposed Electric
- Proposed Telephone
- Proposed Cable
- Proposed Internet



SECTION A-A

Scale: 1/4" = 1'-0"